

Table 1: Significance table.

	Events _a fter _a lphat _n jets _a nd _P FDL _c uts	Events _a fter _a lphat _n jets _a nd _D L _c uts	Events _a fter _a lphat _n jets _r e _a nd _P FDL _c uts	Events _a fter _a lphat _n jets _r e _a nd _D L _c uts
QCD _{Pt15}	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD _{Pt30}	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD _{Pt80}	48.54 +- 21.71	9.707 +- 9.707	38.83 +- 19.41	0 +- 0
QCD _{Pt170}	11.47 +- 1.769	3.003 +- 0.9054	8.736 +- 1.544	0 +- 0
QCD _{Pt300}	5.285 +- 0.2616	0.4793 +- 0.07879	3.394 +- 0.2097	0.03886 +- 0.02244
QCD _{Pt470}	0.8822 +- 0.03485	0.002753 +- 0.001946	0.5863 +- 0.02841	0.001376 +- 0.001376
QCD _{Pt800}	0.03697 +- 0.00112	0 +- 0	0.025 +- 0.0009209	0 +- 0
QCD _{Pt1400}	0.0002385 +- 8.743e-06	0 +- 0	0.0001721 +- 7.428e-06	0 +- 0
TTbar _t emp	4.953 +- 0.1379	1.601 +- 0.0784	2.795 +- 0.1036	0.7909 +- 0.0551
WJets _t emp	3.982 +- 0.5689	1.788 +- 0.3812	2.6 +- 0.4597	1.138 +- 0.3041
ZJets _t emp	0.3744 +- 0.1675	0 +- 0	0.2996 +- 0.1498	0 +- 0
ww _p at ₁	0.1079 +- 0.02884	0.05395 +- 0.02039	0.06937 +- 0.02312	0.03083 +- 0.01542
wz _p at ₁	0.04815 +- 0.01204	0.03912 +- 0.01085	0.03912 +- 0.01085	0.02107 +- 0.007962
zz _p at ₁	0.01706 +- 0.004138	0.01505 +- 0.003887	0.01004 +- 0.003173	0.008028 +- 0.002838
LM5 _t emp	0.6828 +- 0.006713	0.6184 +- 0.006389	0.4197 +- 0.005263	0.37 +- 0.004941
Significancy	0.07848	0.1514	0.05541	0.2597
QCD Significancy	0.08391	0.1703	0.05844	1.844